

Appendix D

Non-combustible & Fire Resistant Building Materials For Balconies, Carports, Decks, Patio Covers and Floors

Examples of non-combustible & fire resistant building materials for balconies, carports decks, patio covers and floors are as follows:

I. **NON-COMBUSTIBLE HEAVY GAGE ALUMINUM MATERIALS - Metals USA Building Products Group - Ultra-Lattice**



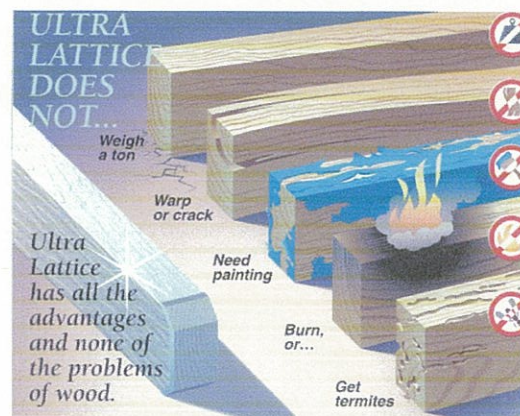
Ultra-Lattice Stand Alone Patio Cover



Ultra-Lattice Attached Patio Cover



Ultra-Lattice Solid Patio Cover



Ultra-Lattice Vs. Wood

II. AMERADECK – American Composite Building Products Co. LLC



AMERADECK is:

Fire Rated Class I

Durable and Strong

**(<25 FSI as tested to
ASTM E84 Standard)**

Superior Hardness (ASTM D143)

**24" on center (O.C.) joist spacing
(ASTM D6109)**

**Resistant to Woodborers, Termites
and Mold**

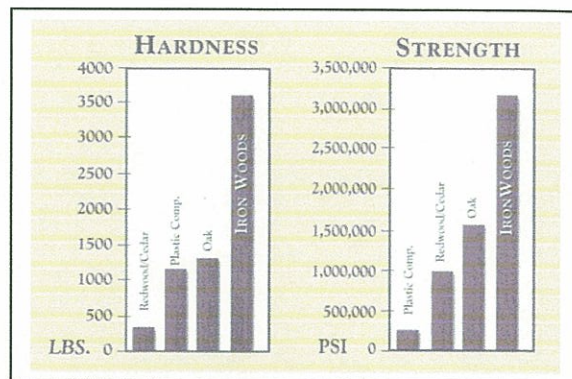
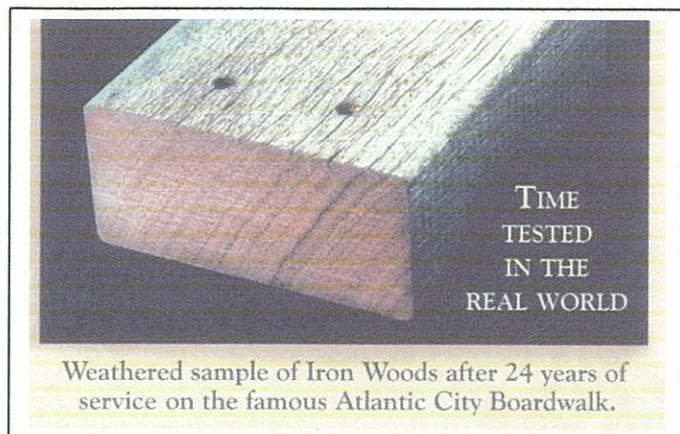
Protect your home and family with a decking that is both safe and durable.

AmeraDeck products are specially formulated with PVC (polyvinyl chloride) and natural fiber. Our proprietary formulation and processing makes AmeraDeck products stronger than other composites. AmeraDeck has earned a class A or Class 1 fire resistance rating, (Flame Spread Rating) the highest standard in the industry. This means AmeraDeck greatly reduces the risk of flames spreading to your house. This makes AmeraDeck one of the safest decking materials in the industry. AmeraDeck believes that choosing the safest decking available should not mean you have to settle for a less attractive deck. Using the latest technology, AmeraDeck's natural color variation and wood grain look more like wood than most composite products on the market today. Using PVC as a base material makes AmeraDeck far more scratch resistant and stain resistant than composite products made of Polyethylene or Polypropylene. AmeraDeck is available in three natural wood colors - Weathered Wood (Gray), Cedar and Redwood.

- Phone 877.788.1887 Fax: 1.334.670.6965 info@ameradeck.com

III. IRON WOODS brand Ipe DECKING. Cecco Trading Company IRON WOODS.

National Fire Protection Association Code, Class I Rating; a rating similar to concrete or steel. Termite Resistant.



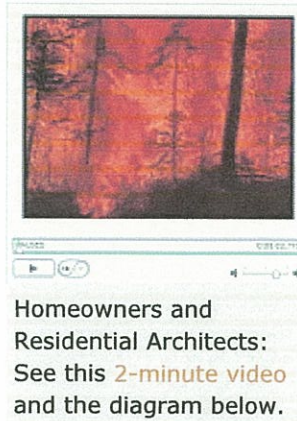
↑ **IRON WOODS Decking**

Exterior Fire Retardant Treated (FRT) Wood

FRX® fire retardant treated wood may be used in exterior applications permitted by the codes where: public safety is critical, other materials would transfer heat or allow fires to spread, sprinkler systems cannot easily be installed, corrosive atmospheres necessitate excessive maintenance of other materials, or fire protection is inadequate or not readily available. The International Building, Residential and Urban-Wildland Interface Codes and regulations, permit the use of fire retardant treated wood in specific instances. See below for typical exterior uses and typical residential uses.

Typical Exterior Uses

- Wall coverings
- Balconies
- Decks
- Stairways
- Fences
- Sheds
- Gazebos
- Roof coverings
- Open-air roof systems
- Canopies and awnings
- Storefronts and facades
- Eaves, soffits and fascia
- Agricultural buildings and horse stalls
- Scaffolding and scaffold planks
- Construction staging
- Various other residential and commercial uses



**IV. FRX
Exterior
Fire-
Retardant
Treated
Wood**

For information on fire retardant treated wood for exterior uses, visit www.frxwood.com.



Brandguard Vents

-Flame and Ember resistant

CHAPTER 7a COMPLIANT- Saving homes with flame and ember resistant vents

About the products:

- Patented baffle front design acts as a heat sink- virtually eliminating the threat of fire brands entering through a structure's vent openings.
- Prevents fire ember entry from a wildfire or neighboring house fire- causing embers to change directions multiple times, robbing the heat from dangerous fire embers and directing them to a sloped base that deposits the remains to the outside of the structure.
- Prevents other sources of fire and smoke damage

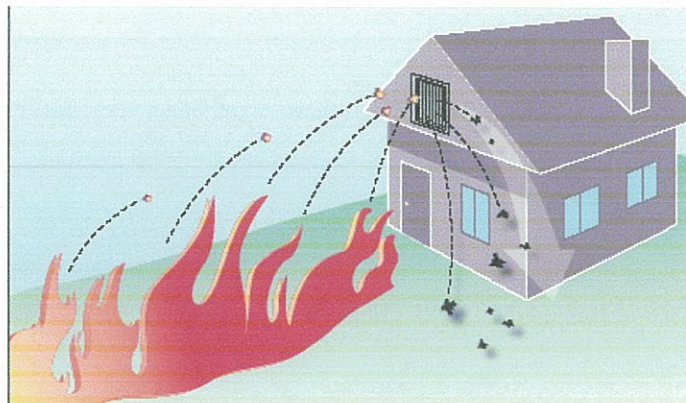
TYPES OF USES:

Residential & Commercial
New Construction & Retrofits

Dormer
Round
Access
Soffit
Foundation
Gable End
Custom Sizes and consultation services
are also available upon request.



For information on our Fire Prevention Vents, visit www.brandguardvents.com



There are several other commercial building materials on the market that would meet the non-combustible or fire resistant building material criteria. The four aforementioned products have been successfully used by developers and **FIREWISE 2000, Inc.** clients in an effort to allow individual homeowners to have more freedom in the selection of and use of fire resistant patio covers, decks and gazebos within their backyard areas classified as a non-combustible building zone.